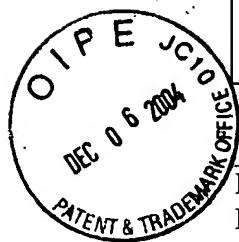


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Dated: 12-3-04 Signature: Maura A. Gallagher  
(Maura A. Gallagher)

Docket No.: VASG-P01-002  
(PATENT)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Krasnoperov et al.

Application No.: 10/800350

Confirmation No.: 2293

Filed: March 12, 2004

Art Unit: 1645

For: POLYPEPTIDE COMPOUNDS FOR  
INHIBITING ANGIOGENESIS AND  
TUMOR GROWTH

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached with the exception of the U.S. cases.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent,


publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. VASG-P01-002. A duplicate copy of this paper is enclosed.

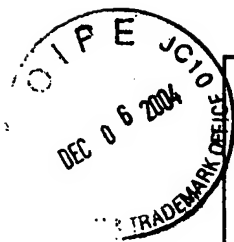
Dated: December 3, 2004

Respectfully submitted,

By 

John D. Quisel

Registration No.: 47,874  
ROPES & GRAY LLP  
One International Place  
Boston, Massachusetts 02110-2624  
(617) 951-7000  
(617) 951-7050 (Fax)  
Attorneys/Agents For Applicant



<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/800350
				Filing Date	March 12, 2004
				First Named Inventor	Valery Krasnoperov
				Art Unit	1645
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	VASG-P01-002

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-2002/0146420-A1	10-10-2002	Brian Bennett	
	AB	US-5,624,899	04-29-1997	BRIAN D. BENNETT	
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	AE	US-6,303,769	10-16-2001	DOUGLAS P. CERRETTI	
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	AH	US-6,492,140-A1	07-26-2001	Douglas Cerretti	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	WO-00/24413	05-04-2000	The Walter and Eliza Hall Institute of Medical Research; The Council for the Queensland Institute of Medical Research; The University of Melbourne		
	BB	WO-00/30673	06-02-2000	Genentech, Inc.		
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	BE	WO-02/079382	10-10-2002	The President and Fellows of Harvard College		
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	BH	WO-02/102973	12-27-2002	Prochon Biotech Ltd.		
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	BK	WO-03/004057	01-16-2003	The Hospital for Sick Children		
	BL	WO-93/15201	08-05-1993	New England Deaconess Hospital		
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	BN	WO-96/01839	01-25-1996	Immunex Corporation		
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	BP	WO-96/26958	09-06-1996	President and Fellows of Harvard College		
	BQ	WO-98/01548	01-15-1998	Mount Sinai Hospital Corporation		
	BR	WO-98/45708	10-15-1998	Sugen, Inc.		
	BS	WO-99/08696	02-25-1999	Vanderbilt University		

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Sheet	2	of	3	Attorney Docket Number	VASG-P01-002

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Adams, R.H., et al., "Roles of ephrinB ligands and EphB receptors in cardiovascular development: demarcation of arterial/venous domains, vascular morphogenesis, and sprouting angiogenesis," <i>Genes Dev.</i> , 13:295-306 (1999).	
	CB	Berclaz, G., et al., "Activation of the receptor protein tyrosine kinase EphB4 in endometrial hyperplasia and endometrial carcinoma," <i>Ann Oncol.</i> , 14:220-226 (2003).	
	CC	Berclaz, G., et al., "Expression of the receptor protein tyrosine kinase myk-1/htk in normal and malignant mammary epithelium," <i>Biochem Biophys Res Commun.</i> , 24:226:869-875 (1996).	
	CD	Brambilla, R., et al., "Membrane-bound LERK2 ligand can signal through three different Eph-related receptor tyrosine kinases," <i>EMBO J.</i> , 14:3116-3126 (1995).	
	CE	Bruhl, T., et al., "Homeobox A9 Transcriptionally Regulates the EphB4 Receptor to Modulate Endothelial Cell Migration and Tube Formation," <i>Circ. Res.</i> , 743-751 (2004) [Epub ahead of print] DOI 10.1161/01res.0000120861.27064.09.	
	CF	Carbone, M., et al., "The pathogenesis of mesothelioma," <i>Semin. Oncol.</i> , 29(1):2-17 (2002).	
	CG	Cheng, N., et al., "The ephrins and Eph receptors in angiogenesis," <i>Cytokine &amp; Growth Factor Reviews</i> , 13:75-85 (2002).	
	CH	Cowan, C.A., et al., "Ephrins in reverse, park and drive," <i>Trends in Cell Biology</i> , 12(7):339-346 (2002).	
	CI	Davis, S., et al., "Ligands for EPH-related receptor tyrosine kinases that require membrane attachment or clustering for activity," <i>Science</i> , 266(5186):816-819 (1994).	
	CJ	Fuller, T., et al., "Forward EphB4 signaling in endothelial cells controls cellular repulsion and segregation from ephrinB2 positive cells," <i>J. Cell Sci.</i> , 116:2461-2470 (2003).	
	CK	Gerety, S.S., et al., "Symmetrical mutant phenotypes of the receptor EphB4 and its specific transmembrane ligand ephrin-B2 in cardiovascular development," <i>Mol. Cell</i> , 4:403-414 (1999).	
	CL	Hamada, K., et al., "Distinct roles of ephrin-B2 forward and EphB4 reverse signaling in endothelial cells," <i>Arterioscler. Thromb. Vasc. Biol.</i> , 23:190-197 (2003).	
	CM	Himanen, J.P., et al., "Eph receptors and ephrins," <i>Intl. J. Biochem. &amp; Cell Bio.</i> , 35:130-134 (2003).	
	CN	Himanen, J.P., et al., "Eph signaling: a structural view," <i>Trends in Neurosciences</i> , 26(1):46-51 (2003).	
	CO	Hirai, H., "A novel putative tyrosine kinase receptor encoded by the eph gene," <i>Science</i> , 238:1717-1720 (1987).	
	CP	Kiyokawa, E., et al., "Overexpression of ERK, an EPH family receptor protein tyrosine kinase, in various human tumors," <i>Cancer Res.</i> , 54:3645-3650 (1994).	
	CQ	Kullander, K., et al., "Mechanisms and functions of eph and ephrin signalling," <i>Nature Reviews, Molecular Cell Biology</i> , 3:475-486 (2002).	
	CR	Mellitzer, G., et al., "Control of cell behavior by signalling through Eph receptors and ephrins," <i>Neurobiology</i> , 10:400-408 (2000).	
	CS	Munarini, N., et al., "Altered mammary epithelial development, pattern formation and involution in transgenic mice expressing the EphB4 receptor tyrosine kinase," <i>J. Cell Sci.</i> , 115(Pt 1):25-37 (2002).	
Examiner Signature			Date Considered

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/800350
				Filing Date	March 12, 2004
				First Named Inventor	Valery Krasnoperov
				Art Unit	1645
				Examiner Name	Not Yet Assigned
Sheet	3	of	3	Attorney Docket Number	VASG-P01-002

CT	Nomura, A.M., et al., "Prostate cancer: a current perspective," Epidemiol Rev., 13:200-227 (1991).	
CU	Pasquale, E.B., "The Eph family of receptors," Curr. Opin. Cell Biol., 9:608-615 (1997).	
CV	Sakano, S., et al., "Characterization of a ligand for receptor protein-tyrosine kinase HTK expressed in immature hematopoietic cells," Oncogene., 13:813-822 (1996).	
CW	Schmucker, D., et al., "Signaling Downstream of Eph Receptors and Ephrin Ligands," Cell, 105:701-704 (2001).	
CX	Shin, D., et al., "Expression of ephrinB2 identifies a stable genetic difference between arterial and venous vascular smooth muscle as well as endothelial cells, and marks subsets of microvessels at sites of adult neovascularization," Dev. Biol. 230:139-150 (2001).	
CY	Sinha, U.K., et al., "Expression of EphB4 in head and neck squamous cell carcinoma," ENT J 82:721-723 (2003).	
CZ	Steinle, J.J., et al., "Eph B4 receptor signaling mediates endothelial cell migration and proliferation via the phosphatidylinositol 3-kinase pathway," J. Biol. Chem., 277(46):43830-5 (2002 Nov 15) (Epub 2002 Sep 13).	
CA1	Stephenson, S.A., et al., "Receptor protein tyrosine kinase EphB4 is up-regulated in colon cancer," BMC Mol. Biol., 2:15 (2001).	
CB1	Takai, N., et al., "Expression of receptor tyrosine kinase EphB4 and its ligand ephrin-B2 is associated with malignant potential in endometrial cancer," Oncol Rep., 8:567-573 (2001).	
CC1	Tang, X.X., et al., "Coexpression of transcripts encoding EphB receptor protein tyrosine kinases and their ephrin-B ligands in human small cell lung carcinoma," Clin. Cancer Res., 5:455-460 (1999).	
CD1	Wang, H.U., et al., "Molecular distinction and angiogenic interaction between embryonic arteries and veins revealed by ephrin-B2 and its receptor Eph-B4," Cell 93:741-753 (1998).	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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